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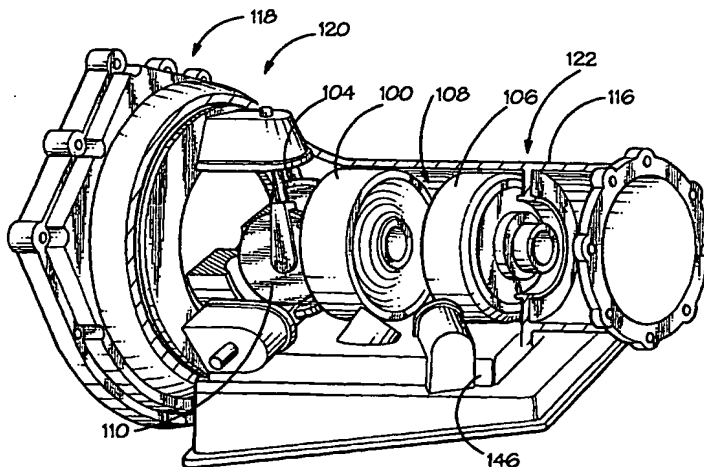
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(54) Title: CONTINUOUSLY VARIABLE RATIO TRANSMISSION UNIT AND METHOD OF ASSEMBLY THEREOF



(57) Abstract: A continuously variable ratio transmission unit is disclosed which comprises a housing (116) and input (102, 106) and output (100) discs paired to define first and second toroidal cavities. The discs (100, 102, 106) are mounted to the housing for rotation about a common axis. First (110) and second (112) rollers - or more typically first and second sets of rollers - are respectively arranged in the first and second cavities and serve to transmit drive between the input and output discs. First (130) and second (148, 150, 152) actuators act on the respective rollers. The first actuator is coupled to a first carrier part (126) which can be mated with the housing introducing it to the housing along a direction generally parallel to the variator axis. The second actuator is coupled to a second carrier part (146) which can be mated with the housing by introducing the second carrier part to the housing along a direction non-parallel to the variator axis.

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